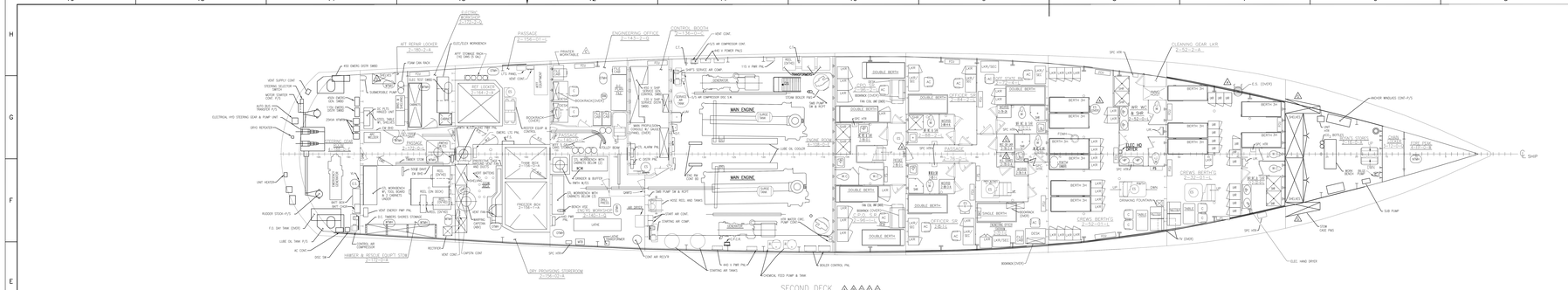
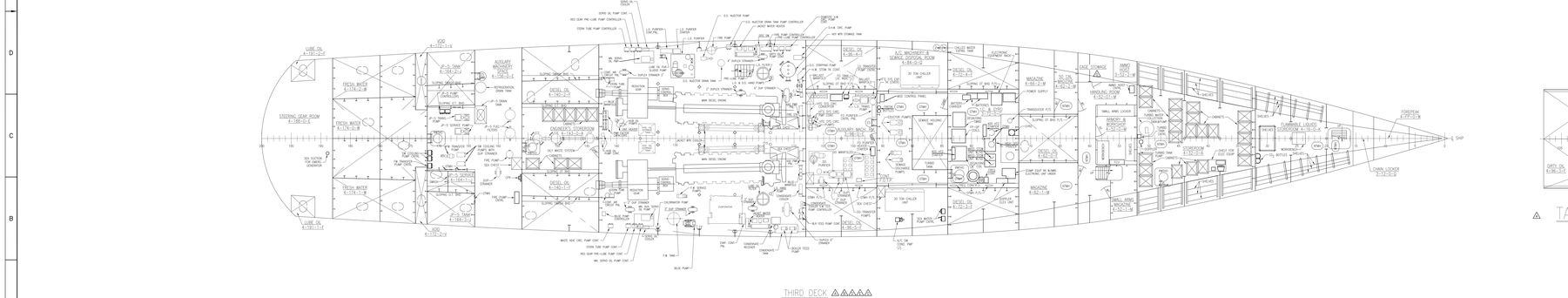
616
U.S. COAST GUARD
616





LEGEND

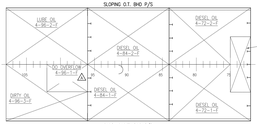
AC	ARM CHAIR
BKC	BOOKCASE
BKRK	BOOKRACK
CH	CHAIR
CG	CLEANING GEAR
DB	DOUBLE BERTH
DWN	DOWN
ES	ESCAPE SCUTTLE
EW	EXTERIOR METAL
FCU	FAN COIL UNIT
JD	JONER DOOR
LAV	LAVATORY
LKR	LOCKER
LS	LIGHT SWITCH
NT	NIGHTOUT
OT	OIL TIGHT
QAWT	QUICK ACTING WATER TIGHT
RWTH	RAISED WATERTIGHT HATCH
SB	SINGLE BERTH
SH	SHOWER
SR	STATEROOM
UR	URINAL
VL	VERTICAL LADDER
WC	WATER CLOSET
WCRB	WARDROBE
WH	WASH ROOM
WT	WATERTIGHT

RESERVATIONS

THE FOLLOWING COMPARTMENTS ARE RESERVED PENDING FURTHER DESIGN & EQUIPMENT DEVELOPMENT.

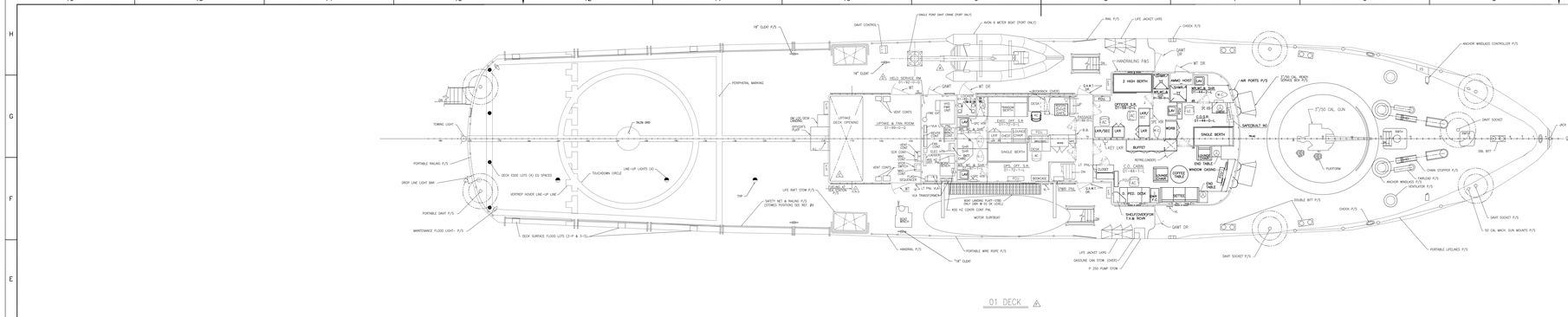
1) ~~1-196-CONTROL BOOTH~~
2) ~~2-114-DIESEL ENGINE ROOM~~
3) ~~3-80-CAL MAGAZINE~~
4) ~~4-62-B-SMALL ARMS MAGAZINE~~
5) ~~5-100-STEERING GEAR ROOM~~
6) ~~6-174-FRESH WATER TANK~~
7) ~~7-106-DRY PROVISIONS STOREROOM~~
8) ~~8-38-A/C MACHINERY SPACE~~
9) ~~9-106-PASSAGE~~

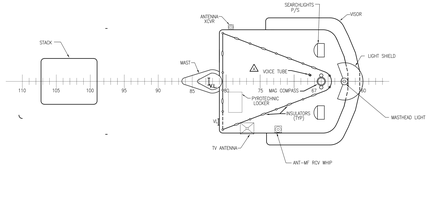
TANKS BELOW THIRD DECK



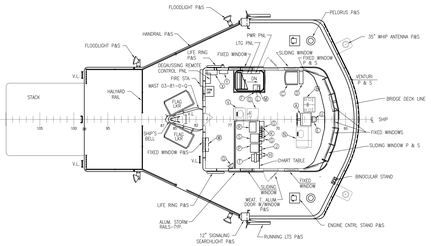
REVISIONS

REV	SHT	ZONE	DESCRIPTION	BY	DATE	APRVD
A			REARRIGED OFFICER'S SB. 2-84-2-L. THIS WSH AGREE W/CONKER DWG ADDED REF. PLAN NO. DELETED O.W. HOLDING TANK 4-145-1-J DELETED PORT AUX & P/O LUBE TANKS IN DEDING GEAR AND ADDED PORT LUBE OIL TANKS IN VOID 4-172-1-V ADDED DIESEL OIL TANKS IN VOID BERTHING 2-102-01-L MOVED INST'S SCUTTLE IN CONT. BOOTH FROM AFT END TO INBTD. CHANGED BHD IN STATIONS FM FWD SIDE TO AFT SIDE TO AGREE WITH AS BUILT CONDITION. ADDED DIESEL OIL TANKS IN VOID 4-172-2-V ADDED D.O. OVERFLOW TANK 4-192-11-F DELETED SCUTTLE IN BHD 84 & MOVED CMPT. DOOR ALSO. REARRIGED SPC BERTHING 2-102-01-L ADDED SHOWER & WASHBASIN IN BERTHING 2-102-01-L ADDED SCUTTLE TO CMPT. 2-32-0-L PLAN. DELETED REDV 2-32-0 & 7. DELETED O.W. HOLDING TANK 4-145-1-J	WSH SD	4-17-84	RB JRD
B			ADDED NEW CMPT. NOTE MOVED 2-76-1-A. JAL CLEANING GEAR LKR 2-78-0-A. LINEN LKR 2-80-0-A. 2-78-2-A. MOVED 2-88-2-A & ADDED 2-88-4-A. CHANGED THE FOLLOWING CMPT. NOS 3-32-0-A TO 3-32-01-A. 3-32-1-A TO 4-18-0-A. 3-32-2-A TO 4-18-1-A. 3-32-3-A TO 4-18-2-A. 3-32-4-A. 3-32-5-A TO 4-18-3-A. 3-32-6-A. 3-32-7-A TO 4-18-4-A. 3-32-8-A TO 4-18-5-A. 3-32-9-A TO 4-18-6-A. 3-32-10-A TO 4-18-7-A. 3-32-11-A TO 4-18-8-A. 3-32-12-A TO 4-18-9-A. 3-32-13-A TO 4-18-10-A. 3-32-14-A TO 4-18-11-A. 3-32-15-A TO 4-18-12-A. 3-32-16-A TO 4-18-13-A. 3-32-17-A TO 4-18-14-A. 3-32-18-A TO 4-18-15-A. 3-32-19-A TO 4-18-16-A. 3-32-20-A TO 4-18-17-A. 3-32-21-A TO 4-18-18-A. 3-32-22-A TO 4-18-19-A. 3-32-23-A TO 4-18-20-A. 3-32-24-A TO 4-18-21-A. 3-32-25-A TO 4-18-22-A. 3-32-26-A TO 4-18-23-A. 3-32-27-A TO 4-18-24-A. 3-32-28-A TO 4-18-25-A. 3-32-29-A TO 4-18-26-A. 3-32-30-A TO 4-18-27-A. 3-32-31-A TO 4-18-28-A. 3-32-32-A TO 4-18-29-A. 3-32-33-A TO 4-18-30-A. 3-32-34-A TO 4-18-31-A. 3-32-35-A TO 4-18-32-A. 3-32-36-A TO 4-18-33-A. 3-32-37-A TO 4-18-34-A. 3-32-38-A TO 4-18-35-A. 3-32-39-A TO 4-18-36-A. 3-32-40-A TO 4-18-37-A. 3-32-41-A TO 4-18-38-A. 3-32-42-A TO 4-18-39-A. 3-32-43-A TO 4-18-40-A. 3-32-44-A TO 4-18-41-A. 3-32-45-A TO 4-18-42-A. 3-84-0-A TO 4-84-0-Q. 3-84-1-A TO 4-84-1-Q. 3-84-2-A TO 4-84-2-Q. 4-156-0-A. 2-3-0-A TO 2-3-01-A. 2-3-1-A TO 2-3-11-A. 2-3-2-A TO 2-3-12-A. 2-3-3-A TO 2-3-13-A. 2-3-4-A TO 2-3-14-A. 2-3-5-A TO 2-3-15-A. 2-3-6-A TO 2-3-16-A. 2-3-7-A TO 2-3-17-A. 2-3-8-A TO 2-3-18-A. 2-3-9-A TO 2-3-19-A. 2-3-10-A TO 2-3-20-A. 2-3-11-A TO 2-3-21-A. 2-3-12-A TO 2-3-22-A. 2-3-13-A TO 2-3-23-A.


01 DECK
MAIN DECK
LIFTCHAIR DECK OPENING
LIFTCHAIR DECK OPENING
SINGLE PORT SMT CRANE (PORT ONLY)
AKON & METER BOAT (PORT ONLY)
RAIL P/S
LIFE JACKET LAYS
CHOCK P/S
DAVIT CONTROLS
18" CLEAT P/S
HELO SERVICE RM 01-F-0-P
PERIPHERAL WARNING
TOWING LIGHT
PORTABLE RAILING P/S
DECK EDGE LGTS (X) EQ SPACED
DROP LINE LIGHT BAR
VERTREP HOOKER LINE-UP LINE
PORTABLE DAVIT P/S
MAINTENANCE FLOOD LIGHT- P/S
DECK SURFACE FLOOD LGTS (3-P & 3-S)
TOUCHDOWN CIRCLE
LINE-UP LIGHTS (X)
LIFE RAFT STOW P/S
SAFETY NET & RAILING P/S (STOWED POSITION) SEE REF. #9
HANDRAIL P/S
18" CLEAT
PORTABLE WIRE ROPE P/S
LIFE JACKET LAYS
GASOLINE CAN STOW (EMER)
P 250 PUMP STOW
SHELTER/DEPOT T.V.& ROW
GYRO COMP.
BOAT LANDING PLATF (STBD) (ONLY ONE IN USE ON 12-2-L)
MID HZ CENTER CONC PAD
MOTOR SURFBOAT
HANDRAIL
GYRO COMP.
HANGERS
HANGERS
HANGERS
HANGERS
HANGERS
HANGERS
HANGERS
HANGERS
HANGERS
HANGERS
HANGERS
HELO SERVICE RM 01-F-0-P
WT
WT
WT



PILOT HOUSE TOP △1△2△3



BRIDGE DECK △1△2△3

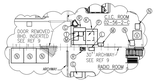
△1 PILOT HOUSE 03-62-0-C

1. DUAL STEERING STAND
2. ENGINE CONTROL STAND
3. OBSERVER CHAIR
4. FOOTREST
5. LONG STEERING REPEATER
6. SONAR PWR & CONTROL DISCONN.
7. STOW BOXES-O.P. TELEPHONES
8. SWITCHBOX, 10 CKT – S.P.P.
9. SWITCHBOX, 30 CKT – S.P.P.
10. SOUND PWR TELEPHONES
11. SOUND PWR JACK, 1-1/2"
12. ZOOM LENS CONTROL ASTV (V-100 ZT)
13. RADAR, RAYCAS Ⅱ
14. LOG DESK
15. AUTOMATIC DIRECTION FINDER (SVHD)
16. SONO REPEATER
17. LORAN (SVHD)

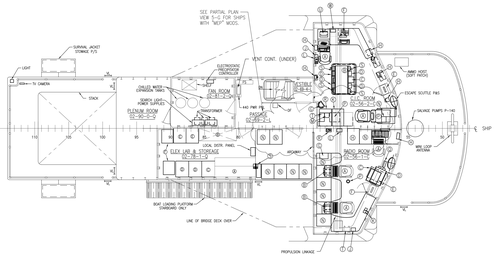
(SEE REF 10 FOR EQUIPT. NOT SHOWN)

PILOT HOUSE (CONTINUED)

18. RAYCAS OMEGA ZT (SVHD)
19. DEPTH INDICATOR & ALARM CRP-D-999 (SVHD)
20. PERISCOPE UNIT FOR MAG. COMPASS (SVHD)
21. 12" RAYTHEON RADAR INDICATOR
22. FIRE & SMOKE DET CONT. (SVHD)
23. PACKARD-BELL DEPTH SOUNDER CRP-B-8220
24. CHART RECORDER (RD-582/SQH-18)



PARTIAL PLAN VIEW 5–G △4



02 DECK △1△2△3△4△5

△1 C.I.C. 02-56-2-C

1. RADIO OPERATOR CHAIR
2. CHART TABLE
3. STATION, CONTROL, 21 MC, LS 518A/SIC
4. AMPLIFIER,W, MODEL AM-3729/SIR
5. PAPER SHREDDER
6. 4 CH FILE CABINAL
7. REPEATER, GYRO COMPASS (LOUDSPEAKER, LS-47A/U)
8. 4 DR FILE CABINET (02-68-2)
9. 1 DR SECURITY FILE CABINET (SAFE)
10. FIRE & SMOKE DET. CONT.
11. INDICATOR/CONTROL UNIT, TACAN, CCU,-10-339F-12E
12. CABINET, ELECTRICAL, AN/UGX-28(V)
13. INDICATOR, WIND SPEED, MODEL FREZ 135
14. 4 DR FILE CABINET
15. SECURITY FILE, RADIO
16. RDAR, TACAN
17. SCCS CONSOLE
18. SCCS OPERATOR POSITION
19. DOOR ENTRY ALARM PANELS

△1 ELEC LAB & STORAGE 02-78-1-C

1. ELECTRONIC WORKBENCH
2. 2 DR FILE CABINET
3. DRAWER STORAGE CABINET-SV-340
4. SHELF CABINET W/ DOORS-SV-50135.(RN) (TOP)
   DRAWER STORAGE CABINET-SV-240 (BOTTOM)
5. SHELF CABINET W/ DOORS-SV-50135.(LN) (TOP)
   DRAWER STORAGE CABINET-SV-240 (BOTTOM)
6. STORAGE SHELVES

△1 RADIO ROOM 02-56-1-C

1. RADIO OPERATOR CHAIR
2. CHART TABLE (TARGONS)
3. 2 DR SECURITY FILE CABINET (SAFE)
4. XEROX MACHINE
5. RECORDER/FACSIMILE, RAYFAX 1200, CRP-1200AHR
6. PAPER SHREDDER
7. 4 CH. BATTERY CHARGER/BATTERY U/W FW PORTABLES
8. POWER PANEL (02-56-1)
9. AMPLIFER/AC, MODEL AM-3729/SIR
10. JACKBOX
11. POWER PANEL (02-64-1)
12. RADIO 1,2,3,4,5,6,7,8,9,10, & 11
13. RADIO 1,2,3,4,5,6,7,8,9,10, & 11
14. CLOCK
15. DETECTOR, FIRE & SMOKE, IONIZATION TYPE, SURF MTD, P/N DI-4A
16. FIRE EXTINGUISHER
17. R-201, OPTIC ISOLATOR, CCOW-R221
18. STATION, CONTROL, 21 MC, LS-518A/SIC

RESERVATIONS

~~1. RESERVE THE FOOLING COMPTS ON 02 LEVEL.~~
~~A. C.I.C. 02-56-2-C~~
~~B. ELEC. ROOMS 4-140 02-77-1-C~~
~~AWAITING INFORMATION FROM ELEC/ELEX BRANCHES.~~

REVISIONS

REV	SHT	ZONE	DESCRIPTION	BY	DATE	APRVD
A	1	ALL	REVISED 02 DK, BRIDGE DK & PILOT HSE TOP TO SUIT NEW STRUCTURE ART. (FR 3) DELETED KIND POST (PA51) AT FR 52, MOFTO ADDED NEW KIND POST(PA51) AT FR 52, MOFTO NEAR 42, TO ALLOW FOR PASSAGE OF PT140, ADDED VI. AT FR 83 PORTSIDE MOVED. ADDED NEW SHIP'S BELL, ADDED PLATFORM AGAINST HOUSE SIDE, ADDED WINDOWS ON FLYBRIDGE. ADDED REFERENCE MOD. DELETED RESERVATION NO. 1.	JAL SD	11-6-84	RB JRD
B	1	ALL	ON 02 DK DELETED CODE ROOM-02-68-1-C. ADDED ELEC LAB & STORAGE 02-78-1-C. ADDED ESCAPE SCUTTLES IN CIC & RADIO. PM TV CAMERA, FR114 & WINLOOP BET. FRS 47-50, ICN BRIDGE DK ADDED BINNOCULAR STAND, FR. 83 TO 63 STBD., ADDED NEW SHIP'S BELL, ADDED SEARCHLIGHTS FR. 91, PA51, ON PILOT HOUSE TOP. RELOCATED TV ANT & ADDED ANT-HF XCUR, FR. 80, PORT & ANT MF RCV WHIP, FR. 72 STBD. ADDED REFERENCE MOD.	JAL	12-20-85	RB RAB (ACTG.)
C	1	ALL	REVISED TO SUIT ARRANGEMENT WITH 40-MEAS SONRON ON MODEL.	JAL	11-18-86	RB JRD
D			ADDED GENERAL NOTE #1.	TB	4-13-88	RB FAR (ACTG)
E			CHANGED DRAWING NUMBER TO SWBS EQUIVALENT AND CONVERTED DRAWING TO ELECTRONIC FORMAT AS PER CHANGE 03 TO 21C NAVSEC MAN HVAC SPECIFICATION. ADDED GENERAL NOTE #2	MRA	3/8/99	TGB
F	1	5-C 4-E 1-E 5-D	1. PARTIAL PLAN 5-G ADDED FOR SHIP WITH "MEP" MODS. ADDED NEW SCUTTLE AT ARCHWAY TO RADIO RM. REMOVING DOOR @ FR 71 & INSERTING BHD. 2. GENERAL NOTE #2 ADDED. 3. UPDATED 02 DECK PLAN TO SUIT LATEST ELECTRONICS ARRANGEMENT PLAN.	JJO JGH	8/22/06	JPW/SJ

GENERAL NOTES

△1 1) THIS DRAWING WAS DEVELOPED EARLY IN THE MMA AND HAS NOT BEEN UPDATED. I.E. CHANGES TO MMA SHIPS AFTER THE INITIAL DATE OF THIS DWG ARE NOT NECESSARILY REFLECTED. FOR ARRANGEMENTS APPLICABLE TO EACH MMA SHIP REFER TO THAT SHIPS BOOKLET OF GENERAL PLANS.

△2 2) THE INTENT OF THIS DRAWING IS TO SHOW THE 30" ARCHWAY IN THE CL BHD. AT FR. 62, THE REMOVAL OF THE DOOR AT FR. 71 & INSERTING CL BHD. IN CONJUNCTION WITH THE 210' MEP PROGRAM. (MISSION EFFECTIVE PROJECT)

NO	TITLE	PLAN NO
△1 10	PILOT HOUSE ARRANGEMENT	618WMEC-401-004
△2 9	SUPERSTRUCTURE, AIR CASTLE, CO, 02 DK HOUSE, & STACK	618WMEC-152-001
△3 8	ARRCT OF ELECT EQUIPT-RADIO RM & OC	618WMEC-401-002
7	LOWER ARRCT 01 DK & 02 DK	618WMEC-401-003
6	SHEATHING AND INSULATION	618WMEC-435-000
5	DECK COVERING	618WMEC-434-002
4	INCLINED LADDERS	618WMEC-423-002
3	VERTICAL LADDERS	618WMEC-423-001
2	LOWER DOOR SCHEDULE	618WMEC-424-002
1	SCHEDULE OF STEEL DOORS, HATCHES AND MANHOLES	618WMEC-427-002

REFERENCE PLAN

STINFO DESIGNATION

DISTRIBUTION STATEMENT D– DISTRIBUTION AUTHORIZED TO DHS/USCGOD AND THEIR CONTRACTORS; ADMINISTRATIVE AND OPERATIONAL PURPOSE; 01/01/2006. OTHER REQUESTS SHALL BE REFERRED TO COMMANDING OFFICER, USCG SFLC ESD TMB, 2401 HAWKINS POINT ROAD, MIA-STOP 25/TIMM/SUBJECT MANAGER, BALTIMORE, MD 21226-5000.

WARNING – DISTRIBUTION STATEMENT CONTAINS SENSITIVE BUT UNCLASSIFIED (SBU) EXPORT IS RESTRICTED BY THE ARMS EXPORT CONTROL ACT (AECA) 22 U.S.C. 2751 ET SEQ. OR THE EXPORT ADMINISTRATION ACT OF 1979, AS AMENDED, TITLE 50, U.S.C. APP. 2401 ET SEQ. VIOLATIONS OF THESE EXPORT LAWS ARE SUBJECT TO SEVERE CRIMINAL PENALTIES.

DESTRUCTION NOTICE–FOR UNCLASSIFIED LIMITED DOCUMENTS, DESTROY BY ANY METHOD THAT WILL PREVENT DISCLOSURE OF CONTENTS OR RECONSTRUCTION OF THE DOCUMENT.

• 9000 SERIES DRAWING NUMBER WAS 618WMEC-0103-5

	NAVAL MARC SHIPS MP BALTIMORE, MARYLAND 21220	
	INITIALS	DATE
DESIGN		
DRAWN	JAL	1-14-84
CHECKED	HJS/GD	1-15-84
A.A. WHITE		1-15-84
CHIEF, HULL BRANCH		
U.S.C.G. APPROVAL		1-15-84
J.W. JOHNSBERRY		
CHIEF, ENGINEERING DIV.		

U.S. COAST GUARD HEADQUARTERS WASHINGTON, D.C. 20593
OFFICE OF NAVAL ENGINEERING

210' WMEC "A" CLASS
GENERAL ARRANGEMENT
02 DK, BRIDGE DK, & HOUSE TOP

SIZE	FSCM CAGE NO	TASCE DRAWING NO	REV
H	81340	618WMEC-601-005	

SCALE 1/4" = 1'-0" 144 SQ FT SHEET 1 OF 1

APPLICABILITY		
419	CONFIDENCE	
419	SECRET	
419	VOCAL	
419	DILIGENCE	
419	RELIANCE	
REL	NAME	DATE

PLOT SCALE: 1/4" = 1'-0" 1 FILE CODE: REV2007.DWG

PLAN DISTRIBUTION	